Publication List Helmut Hofer

Journal Articles:

1. *A multiplicity result for a class of nonlinear problems with applications to a nonlinear wave equation.* Jour. of Nonlinear Analysis, Theory, Methods and Applications, 5, No. 1 (1981), 1-11


3. *A new proof for a result of Ekeland and Lasry concerning the number of periodic Hamiltonian trajectories on a prescribed energy surface.* Bollettino UMI **6**, 1-B (1982), 931-942


17. Periodic solutions on hypersurfaces and a result by C. Viterbo (with E. Zehnder). Inv. Math. 90 Fasc 1 (1987), 1-9


45. *Floer homology and Novikov rings* (with D. Salamon). The Floer Memorial Volume, Progress in Math. Vol. 133, Birkhäuser


47. *Unseen symplectic boundaries* (with Y. Eliashberg). Volume in honour of E. Calabi


67. Introduction to Symplectic Field Theory (with Y. Eliashberg and A. Givental), GAFA 2000, Special Volume, Part II, pp560-673

68. Holomorphic curves and real three-dimensional dynamics, GAFA 2000, Special Volume, part II, pp674-704


77. *A General Fredholm Theory II: Implicit Function Theorems* (with K. Wysocki and E. Zehnder), GAFA Volume 19, Number 1,(2009),206-293


84. *Feral Pseudoholomorphic Curves and Minimal Sets* (with J. Fish), Oberwolfach Report 12 (2015), no. 3


88. *Exhaustive Gromov Compactness for Pseudoholomorphic Curves* (with J. Fish), 23 pages (2017), submitted
Books: Mathematical


Books: Non-mathematical

1. *Innovation, Venture Capital, Arbeitsplätze* (Edited jointly with A. Scheidegger and G. Scheuenstuhl, in German) Haupt Verlag

In Preparation:

1. *Holomorphic Curves and Global Questions in Contact Geometry* (with C. Abbas). This is a manuscript floating around since about 1997. It still is an excellent way to learn the “classical” pseudoholomorphic curve theory in symplectic geometry. Final touch-ups in 2018 as some kind of graduate text.


